CLAIMS

What is claimed is:

1   1.   A file handling system, comprising:

2   a terminating file transfer server operable to receive a file transfer

3   message from an originating file transfer server, the file transfer message including

4   details about the transfer including a local user and at least one filename;

5   an agent operable to read the file transfer message, and direct the

6   transfer of at least one file associated with said at least one filename to a home

7   directory associated with the local user; and

8   a configuration file residing in the home directory, and operable to

9   instruct the agent to transfer said at least one file to a remote host.

1   2.   The system of claim 1, wherein the configuration file comprises a host

2   name and a port name of the remote host.

1   3.   The system of claim 2, wherein the remote host is associated with the

2   local user.

1   4.   The system of claim 1, wherein the originating file transfer server is

2   operable to instruct the agent to execute upon receiving a file transfer message.

1   5.   The system of claim 1, wherein the agent is further operable to

2   transmit said at least one file to the remote host.

1   6.   The system of claim 5, wherein the agent is further operable to delete

2   said at least one file from the home directory in accordance with the configuration

3   file.

1   7.   The system of claim 1, wherein the terminating file transfer server is a

2   Connect:Direct server.

1   8.   The system of claim 1, further comprising:

2   a port monitor at the remote terminal operable to monitor

3   communications to the remote host on a port specified by the configuration file.

1   9.   The system of claim 1, further comprising means for monitoring a port

2   of the remote host for communications from the agent.

1   10.   A method of handling files on a Connect:Direct server, comprising the

2   steps of:

3   receiving a file transfer message from an originating file transfer

4   server;

5   determining a home directory from a local user associated with the file

6   transfer message;

7   storing at least one file associated with the file transfer message in the

8   home directory;

9   retrieving a configuration file from the home directory; and

10   transmitting said at least one file responsive to the configuration file.

1   11.   The method of claim 10, wherein the method further comprises:

2   responsive to the configuration file, removing the message from the

3   home directory.

1   12.   The method of claim 10, wherein the configuration file comprises a

2   host name and a port name of a remote host.

1   13.   The method of claim 12, wherein the remote host is associated with the

2   local user.

1   14.   The method of claim 10, further comprising using an agent program to

2   direct the transfer of said at least one file to the home directory.

1   15.   The method of claim 14, further comprising using an agent program to

2   transmit said at least one file responsive to the configuration file

1   16.   The method of claim 15, using a Connect:Direct server to receive the

2   file transfer message.

1   17.   The method of claim 10, further comprising:

2   monitoring a port at a remote terminal specified by the configuration

3   file.

1   18.   The method of claim 17, further comprising:

2   receiving said at least one file at the port specified by the configuration

3   file.

1   19.   A Connect:Direct file handling system, comprising:

2   a terminating file transfer server;

3   an agent; and

4   a configuration file;

5   the terminating file transfer server being operable launch the agent

6   upon receipt of a file transfer message, the file transfer message comprising a local

7   username and at least one filename, and the agent being operable to direct the transfer

8   of at least one file associated with the filename to a home directory associated with

9   the username, the agent being further operable to read the configuration file, and

10   transfer said at least one file to a remote host specified by the configuration file.

1   20.   The system of claim 19, wherein the configuration file is operable to

2   store a host name and a port number associated with the remote host.

1   21.   The system of claim 17, wherein the agent is operable to remove said

2   at least one file from the home directory after transferring said at least one file to the

3   remote host.

1   22.   . The system of claim 19, further comprising:

2   a port monitor at a remote host, the port monitor being operable to

3   monitor a port specified in the configuration file

1   23.   The system of claim 22, further comprising:

2   a file processor located at the remote terminal, the file processor being

3 operable to receive files via the port monitor, and assign said at least one filename to

4 said at least one file received, respectively.

1 24. A computer readable medium having a program for handling files on a

2 Connect:Direct server, the program operable to perform the steps of:

3   receiving a file transfer message from an originating file transfer

4 server;

5   determining a home directory from a local user associated with the file

6 transfer message;

7   storing at least one file associated with the file transfer message in the

8 home directory;

9   retrieving a configuration file from the home directory; and

10   transmitting said at least one file responsive to the configuration file.

1 25. The computer readable medium of claim 24, the program further

2 operable to perform the step of:

3   responsive to the configuration file, removing the message from the

4 home directory.

1 26. The computer readable medium of claim 24, wherein the configuration

2 file comprises a host name and a port name of a remote host.

1 27. The computer readable medium of claim 26, wherein the remote host is

2 associated with the local user.

1 28. The computer readable medium of claim 24, the program further

2 operable to perform the step of using an agent program to direct the transfer of said at

3 least one file to the home directory.

1   29.   The computer readable medium of claim 28, the program further

2   operable to perform the step of using an agent program to transmit said at least one

3   file responsive to the configuration file

1   30.   The computer readable medium of claim 29, the program further

2   operable to perform the step of using a Connect:Direct server to receive the file

3   transfer message.

1   31.   The computer readable medium of claim 24, the program further

2   operable to perform the step of:

3   monitoring a port at a remote host specified by the configuration file.

1   32.   The computer readable medium of claim 31, the program further

2   operable to perform the step of:

3   receiving said at least one file at the port specified by the configuration

4   file.

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